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(54) **Apparatus and method for current control in mobile terminal**

(57) An apparatus and method for current control in a mobile terminal are provided. The apparatus includes a monitoring unit for measuring a total required current amount that is the sum of current amounts required by respective components of the mobile terminal and detecting whether the total required current amount is greater than a limit threshold value; and a power distribution

unit for searching the supply current amounts using a current distribution table when detecting through the monitoring unit that the total required current amount is greater than the limit threshold value, and controlling the power supply unit to supply current to the respective components according to the searched supply current amounts.

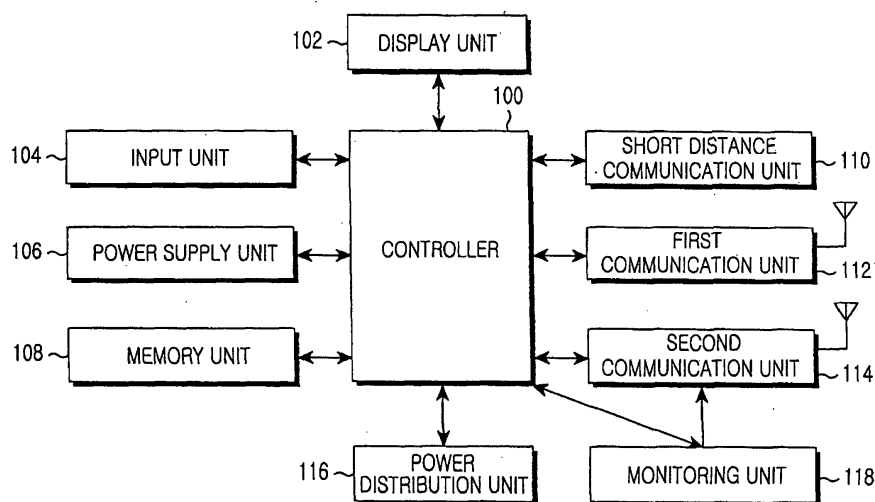


FIG.1



EUROPEAN SEARCH REPORT

Application Number
EP 07 02 5091

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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A	EP 1 679 576 A2 (IBM [US]) 12 July 2006 (2006-07-12) * claims 1,8-10; figures 1,4 *	1-18	
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			TECHNICAL FIELDS SEARCHED (IPC)
			H04W H04B H04Q G06F H04M
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 22 March 2011	Examiner Kolbe, Werner
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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